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WPI Acc No: 1996-259744/199626

XRAM Acc No: C96-082236

New 3-(substd. naphthyl or tetralinyl)oxy-1,1-dihalo-propene
derivs. - with insecticidal and miticidal activity, useful as pesticides

Patent Assignee: SUMITOMO CHEM CO LTD (SUMO)

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Number of Countries: 066 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9615093	A1	19960523	WO 95JP2320	A	19951114	199626 B
AU 9538567	A	19960606	AU 9538567	A	19951114	199637
JP 8515922	X	19971125	WO 95JP2320	A	19951114	199806
			JP 96515922	A	19951114	

Priority Applications (No Type Date): JP 95258986 A 19951005; JP 94279533 A 19941114

Cited Patents: DE 2304962; DE 2312518; GB 1420171; GB 1424211; JP 48086835; JP 49001526; JP 70188088; US 4048235; US 4061683

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9615093	A1	J	252	C07C-043/225	

Designated States (National): AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9538567	A	C07C-043/225	Based on patent WO 9615093
JP 8515922	X	C07C-043/225	Based on patent WO 9615093

Abstract (Basic): WO 9615093 A

Dihalopropenol derivatives of formula R1-Z-Y-OCH2CH=CXX' (I) are new. R1 = 5-6C cycloalkenyl, 4-9C cycloalkenyl, 6-8C cycloalkenylalkyl (all opt. substd. by 1-4C alkyl), 1-10C alkyl, 1-5C haloalkyl, 2-10C alkenyl, 2-6C haloalkenyl, 3-9C alkynyl, 3-5C haloalkynyl, 2-7C alkoxyalkyl, 2-7C alkylthioalkyl, 3-6C cycloalkyl (opt. substd. by 1-4C alkyl, 1-3C alkoxy or 1-3C haloalkyl), A, CHR4-(C(R2)(R3))i-A' or a gp. of formula (a); A' = A, B-A, B(C(R5)(R6))j-A, C(R7)=C(R8)-j-A, C(R7)=C(R8)-(C(R5)(R6))j-B-A, OCO(C(R5)(R6))j-B-A; A = phenyl, naphthyl, or heterocyclyl (all opt. substd.); B = O, S(O)n, NR11, -CO-G- or -G-CO-; G = O or NR15; Z = O, S or NR12; Y = a gp. of formula (b) - (f), and the gp. on the left is opt. 2-bonded to Z; Ring C = benzene (opt. substd. by up to 3 gps. R) or tetrahydrobenzene; X, X' = Cl or Br; R11, R12, R15 = H or 1-3C alkyl; R2-R6 = H, 1-3C alkyl or CF3; R7, R8 = H, 1-3C alkyl, CF3 or halo; R' = halo, 1-4C alkyl, 1-3C haloalkyl, 1-3C alkoxy or 1-3C haloalkoxy; R'' = H, Me or halo; R = halo, 1-4C alkyl, 1-3C haloalkyl, 2-4 C alkenyl or 2-4C haloalkenyl; p = 0-3; n = 0-2; i = 0-6; j = 1-6; k = 0-4; l = 1 or 2; m = 0-2.

Also claimed are intermediates of formula H-Z-Y'-OCH2CH=CXX' (II). Y' = (b)-(e) with ring C = opt. substd. benzene.

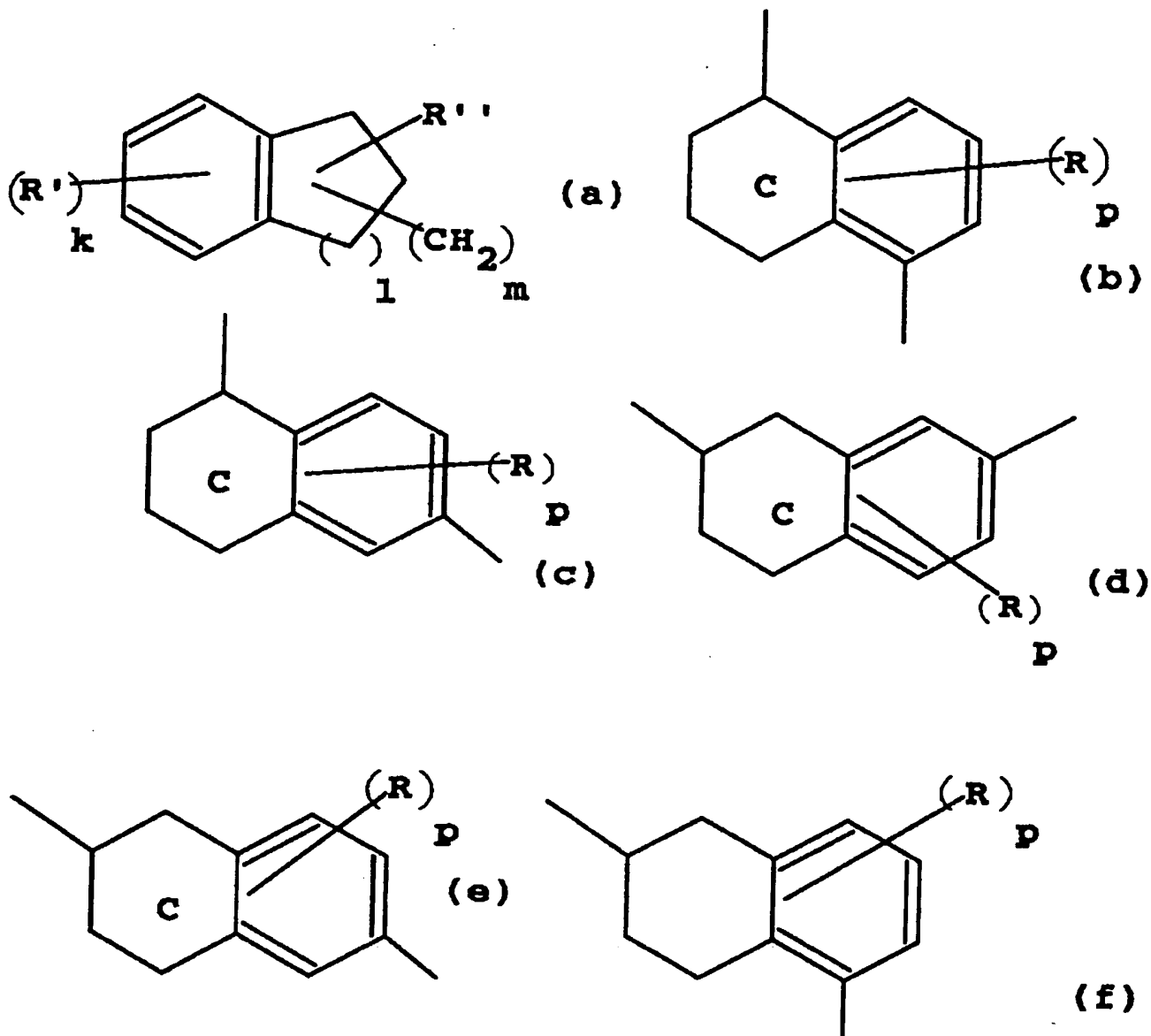
USE - Compounds (I) are insecticides and miticides. They are active against mite pests of plants and animals, and a wide range of insects, including lepidoptera, hemiptera, hymenoptera, coleoptera, siphonaptera, isoptera, diptera and orthoptera, including Agrotis, Heliothis and Epilachna spp. (I) can be used in bait, in fumigants, insect attractants, aerosols, and formulations for application to the

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soil or water, including emulsions, granules and powders.

Applicn. rate is 0.1-100g/10a

Dwg.0/0



Title Terms: NEW; SUBSTITUTE; NAPHTHYL; TETRALINYL; OXY; DI; HALO; PROPYLENE; DERIVATIVE; INSECT; MITE; ACTIVE; USEFUL; PEST

Derwent Class: C02; C03

International Patent Class (Main): C07C-043/225

International Patent Class (Additional): A01N-031/14; A01N-033/08; A01N-037/20; A01N-043/40; C07C-043/23; C07C-069/92; C07C-217/74; C07C-217/94; C07C-233/67; C07C-323/17; C07C-323/18; C07D-213/30; C07D-213/61; C07D-213/64; C07D-213/65; C07D-213/68; C07D-213/70; C07D-213/74

File Segment: CPI

Manual Codes (CPI/A-N): C07-D04C; C10-B03A; C10-E04B; C14-B04A; C14-B04B

Chemical Fragment Codes (M2):

01 D010 D020 D040 F010 F021 G001 G002 G003 G010 G011 G012 G013 G014
G015 G016 G017 G018 G020 G021 G022 G029 G030 G031 G032 G040 G050

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H541 H542 H561 H562 H581 H592 H594 H596 H598 H6 H600 H602 H603 H608
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H716 H721 H722 H723 H731 H8 L640 L650 L660 M121 M122 M123 M124 M125
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M904 P341 9626-65401-N

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M331 M332 M333 M334 M340 M342 M343 M344 M353 M362 M391 M392 M393
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Generic Compound Numbers: 9626-65401-N; 9626-65402-N; 9626-65403-N;
9626-65404-N; 9626-65405-N